

Asadbek Karimov

Software Engineer

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WORK EXPERIENCE

Full-Stack Developer - [PieShares, Inc.](#)

New York, NY

Digital marketplace for local merchants to sell and advertise.

Dec 2019 – Jan 2021

- Enhanced user engagement by developing engaging interfaces using Angular with Material UI, resulting in an increase in user interactions.
- Optimized Node.js backend with MongoDB and Redis, reducing load times by 30% for improved user experience.
- Implemented smart caching and query optimization for 20% quicker load times and better engagement.

PERSONAL EXPERIENCE

[AniTrek](#)

New York, NY

An all-inclusive platform for anime fans, streamlining watchlist management, content discovery, and community engagement through reviews and comments.

Apr 2020 – Present

- Led the creation of a real-time chat module using WebSockets, enabling watch parties. Users can watch videos together, chat live, and engage in voice conversations, boosting interaction.
- Adopted GraphQL, resulting in a 20% reduction in API complexity and streamlined data fetching.
- Facilitate discussions and interactions with 3,000+ anime enthusiasts.
- Incorporated external resources like an AI scene finder and the AniList database, enhancing the overall user experience.
- Achieved 81% cost savings in hosting through self-hosted Supabase on Docker, leading to annual savings of \$735.

[ReactAllPlayer](#)

New York, NY

Simple lightweight, accessible, and customizable React media player that supports modern browsers.

Apr 2019 – Jun 2019

- Crafted 99% compatibility of HTML Video and audio, YouTube, and Vimeo formats.
- Implemented VTT captions and screen reader support, prioritizing accessibility.
- Integrated hls.js and dash.js to guarantee uninterrupted playback.
- Ensured impeccable performance across various screen sizes.

EDUCATION

Queens College, City University of New York

New York, NY

BA in Computer Science

Graduation Date: December 2023

SKILLS

Languages: TypeScript, Java, Python, JavaScript, Bash

Databases: PostgreSQL, MongoDB, SQLite

Web Frameworks: Angular, React.js, Next.js, Node.js, Jest

Cloud Platforms: DigitalOcean, AWS, Heroku, Supabase

Containerization: Docker, Docker Compose